

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ROTH, Ray; LAKING, Rodger  
Serial No.: 10/596,260  
Filed: December 11, 2003  
Title: METHOD AND APPARATUS FOR DIRECTIONAL DRILLING  
Group: 3676  
Examiner: BOMAR, Thomas S.  
Attorney Ref.: PAT 53988W-2

September 27, 2010

**Mail Stop Amendment**

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22314-1450  
U.S.A.

Dear Sir:

**OFFICE ACTION RESPONSE**

In response to the Office Action of **March 26, 2010**, Applicant respectfully submits this response along with a petition for a three month extension of time. Please amend the above-identified application as follows:

**Amendments to the Specification** begin on page **2** of this paper.

**Amendments to the Drawings** begin on page **3** of this paper, and include the attached replacement sheet.

**Remarks/Arguments** begin on page **4** of this paper.